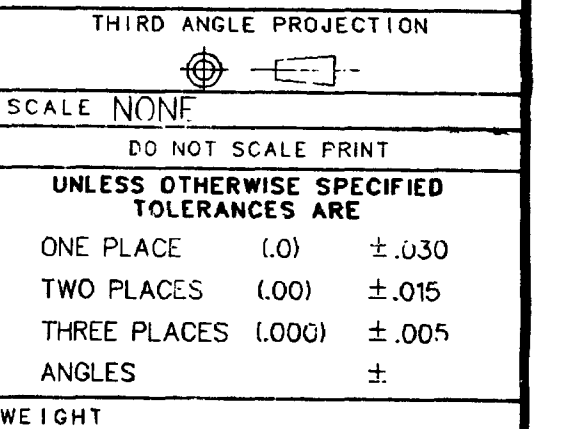
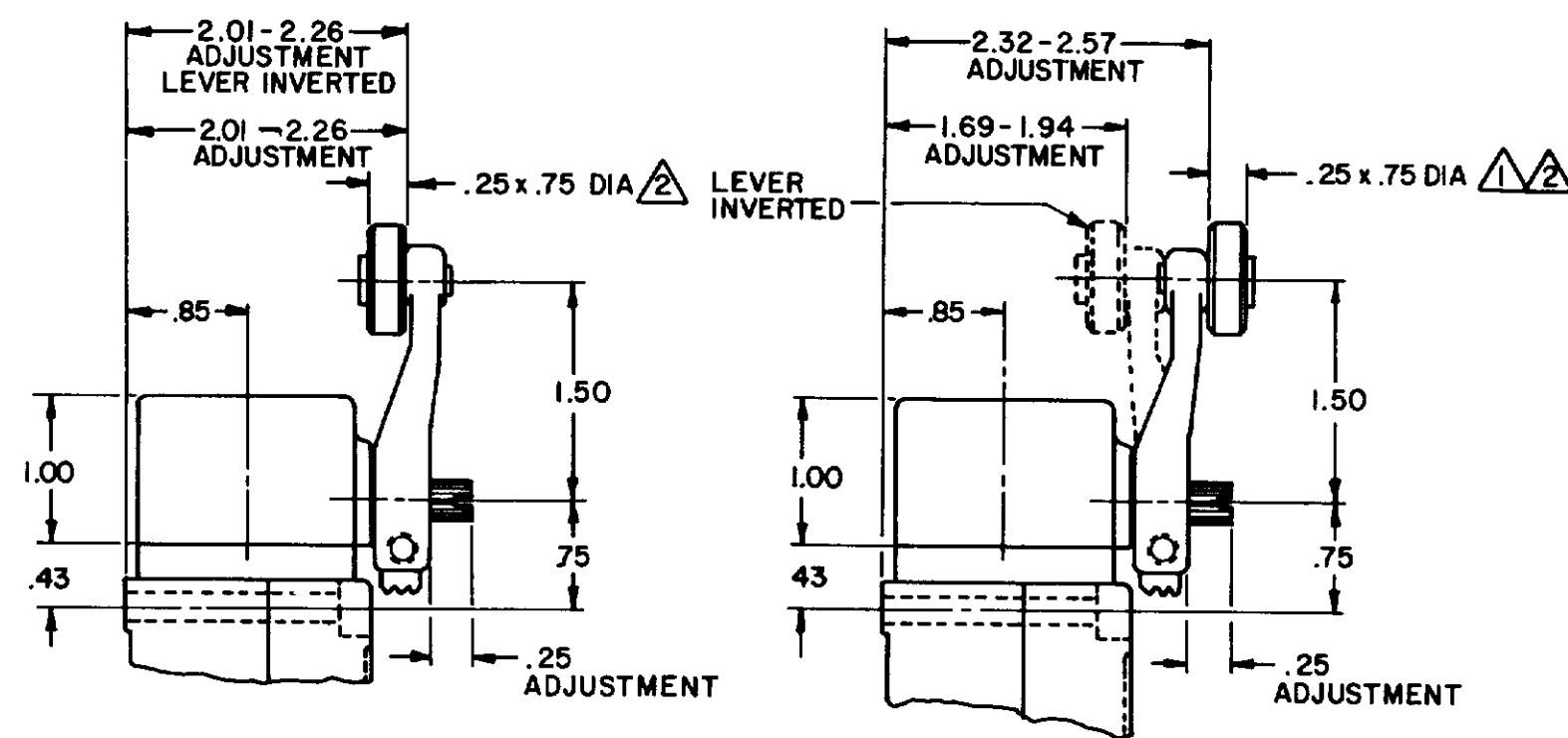


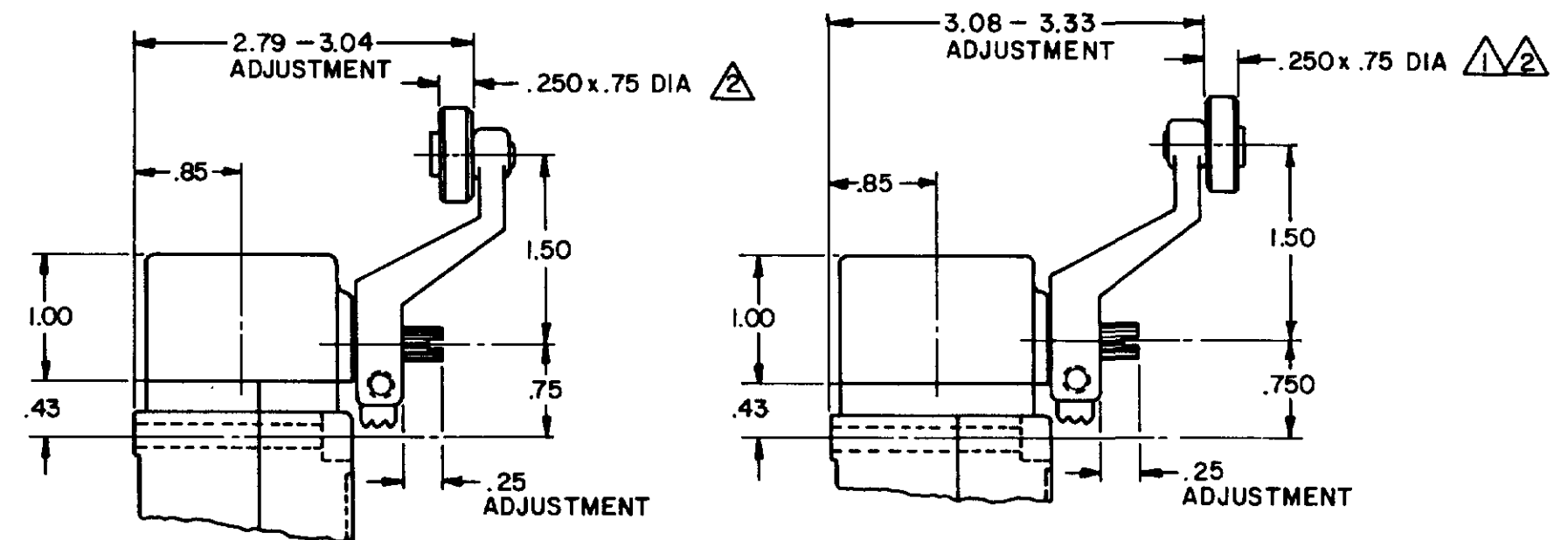
MAM	15 JUN 94	CHECK	JAF	11 JUL 94	CHECK	AK	11AUG04	CHECK	PSR	10JUL07	RELEASE NO	CO-78498	REPLACES	LSA-LSW SERIES
-----	-----------	-------	-----	-----------	-------	----	---------	-------	-----	---------	------------	----------	----------	----------------



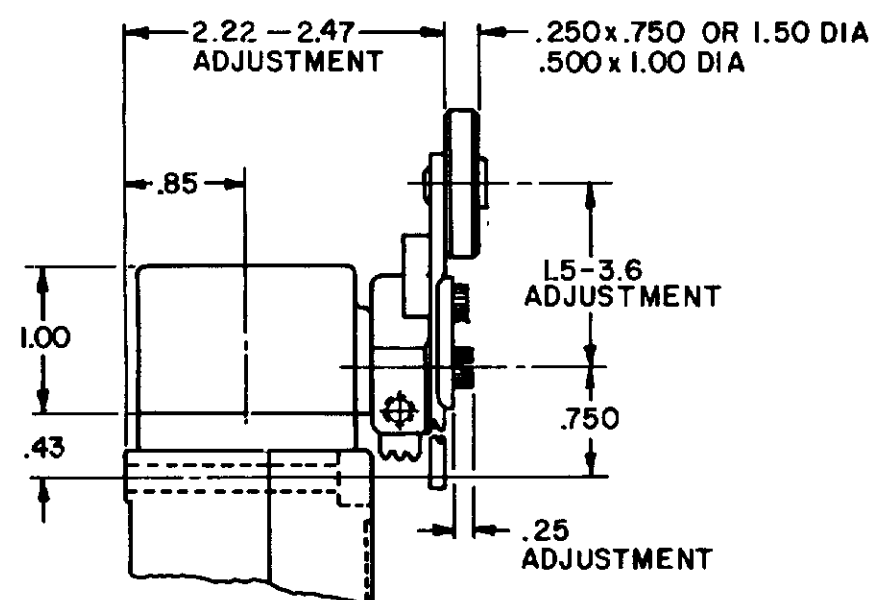
SIDE ROTARY CAM TRACKING



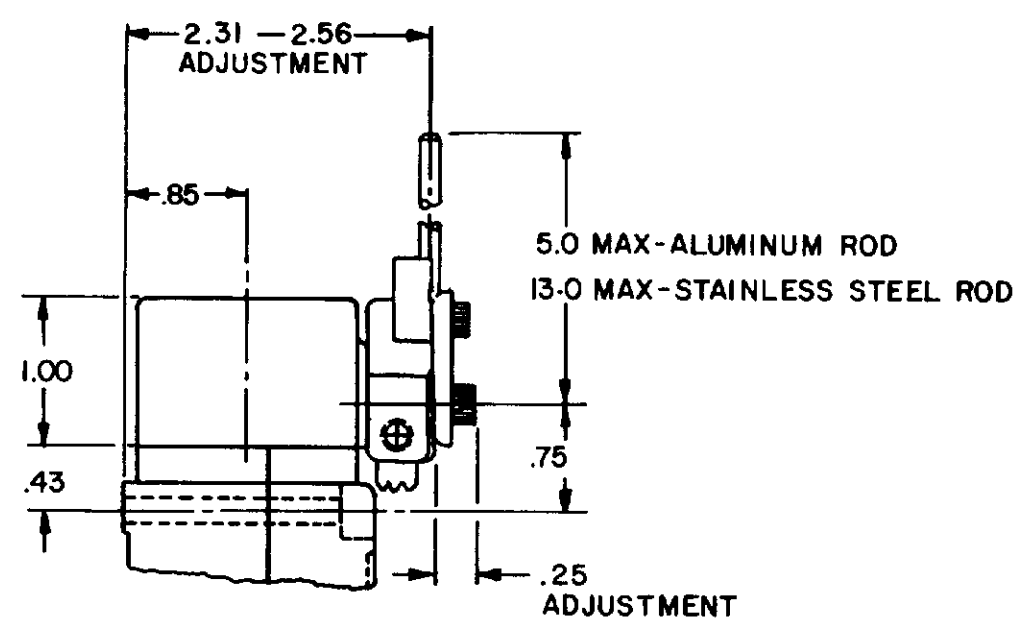
LSZ51 TYPE LEVERS



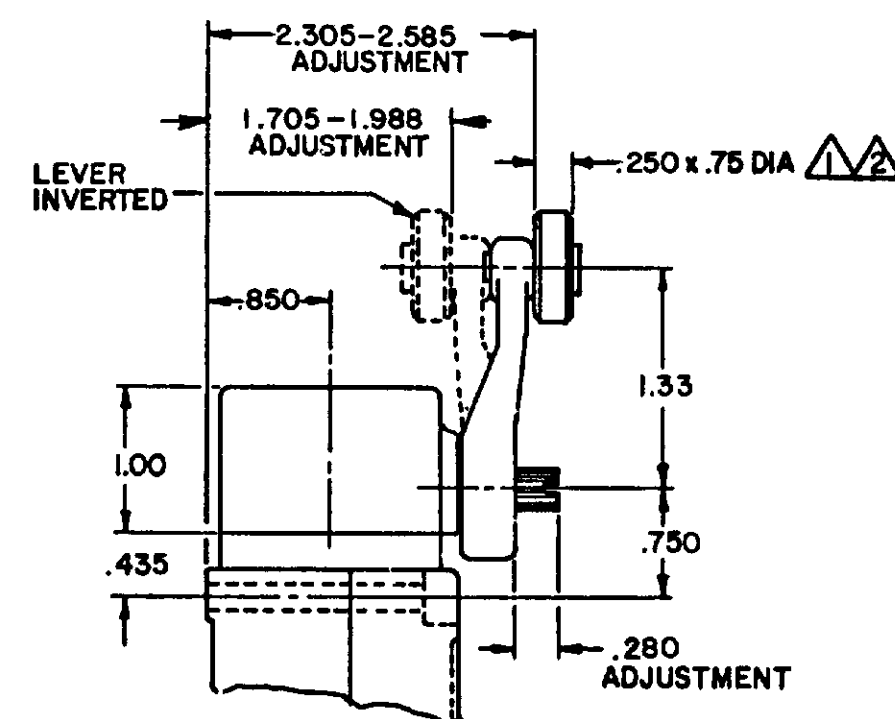
LSZ55 TYPE LEVERS



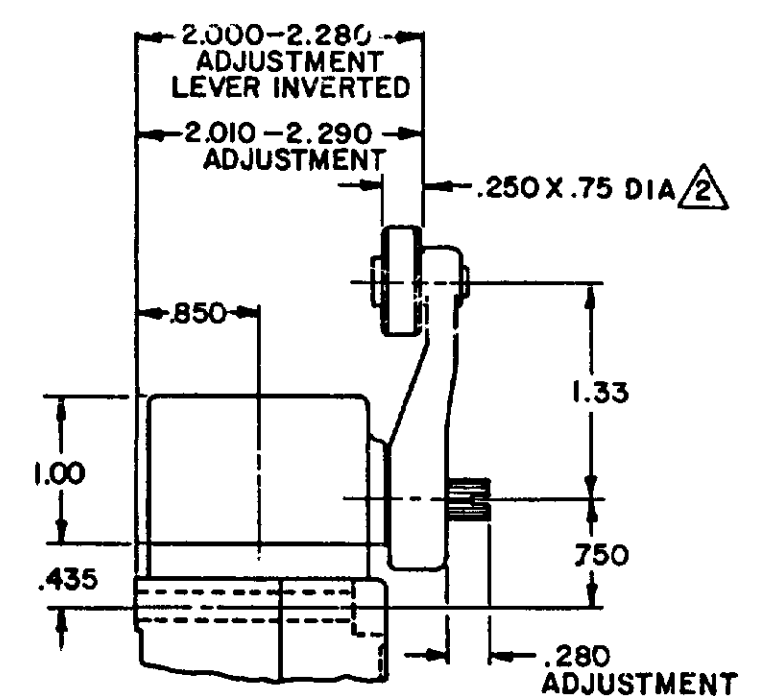
LSZ52 TYPE LEVER



LSZ54 TYPE LEVER



OPEN MOUNTED ROLLER



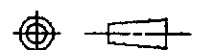
CLOSED MOUNTED ROLLER

LSZ59 TYPE LEVERS

NOTES

- NOTES
- ① ALSO AVAILABLE IN Ø.250 X 1.500 NYLON, BUT
LEVER CANNOT BE INVERTED
- ② FOR ADDITIONAL ROLLER WIDTHS AND/OR DIAMETERS
REFER TO "M" DRAWING
- 3 - FOR ADDITIONAL TYPES OF ROLLERS AND LEVERS REFER
TO LSZ CHART 1 "M" DRAWING

THIRD ANGLE PROJECTION



SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED
TOLERANCES ARE

ONE PLACE (0) $\pm .030$

TWO PLACES (00) $\pm .015$

THREE P

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PAGE 2 OF 10

LSA-LSW SERIES
CHART 1

MICRO SWITCH
a Honeywell Division

SWITCH - ENCLOSED

CATALOG LISTING

FED MFG CODE 91929

TOP ROTARY

SINGLE POLE

DOUBLE POLE



TYPE LSB1 and LSB3

**TYPE LSB2 and LSB4
LSB6 and LSB7 have 1/2" - 14 NPT
CONDUIT HOLE**

PRETRAVEL MAX	SINGLE POLE 25°	DOUBLE POLE 25°
OVERTRAVEL MIN	110°	110°
DIFFERENTIAL TRAVEL MAX	10°	12°
OPERATING TORQUE MAX	2 5 IN. LBS	2 5 IN. LBS
TOTAL TRAVEL (REF)	135°	135°

ELECTRICAL RATINGS

10 AMP CONT.	A.C. VOLTAGE	AMPS AT 35 POWER FACTOR					
		SINGL POLE		DOUBLE POLE		BREAK	
		MAKE	BREAK	MAKE	BREAK	MAKE	BREAK
	120	60	6	30	3		
	240	30	3	15	1.5		
	480	15	1.5	7.5	75		
	600	12	1.2	6	6		

D. C. VOLTAGE	MAKE & BREAK INDUCTIVE	RESISTIVE
120	0.25	0.80
240	0.15	0.40

ELECTRONIC DUTY BASIC SWITCH
10 AMP CONT

VOLTAGE	
5 AC OR DC MIN	01 AMP MIN
600 AC	720 VA
240 DC	30 WATT

**DIRECT ACTING (ALSO RATED AT A. C. 10
AMP CONT.)**

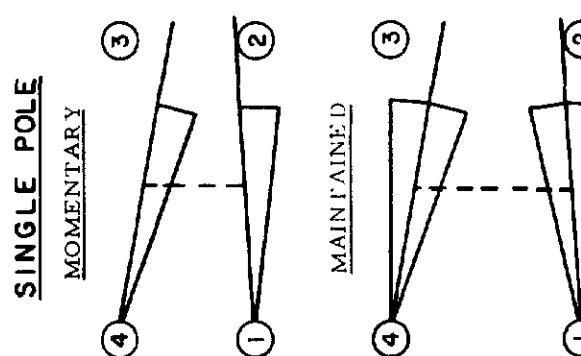
D. C. VOLTAGE	MAKE AND BREAK AMPS	
	INDUCTIVE	RESISTIVE
30	4.2	4.2
120	1.1	1.1
240	.55	.55

**WIRING BASIC SWITCH
(SAME POLARITY MUST BE OBSERVED FOR EACH POLE)**

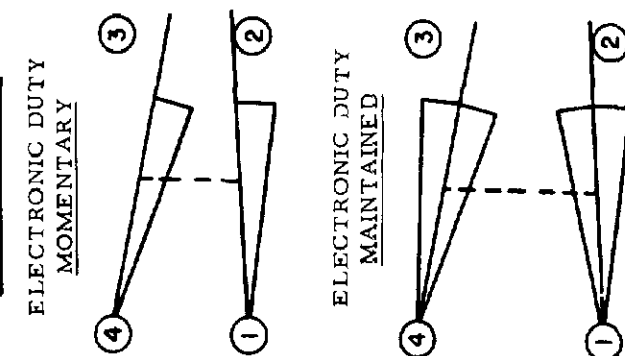
DOUBLE POLE



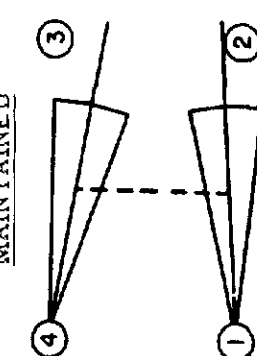
SINGLE POLE



SINGLE POLE



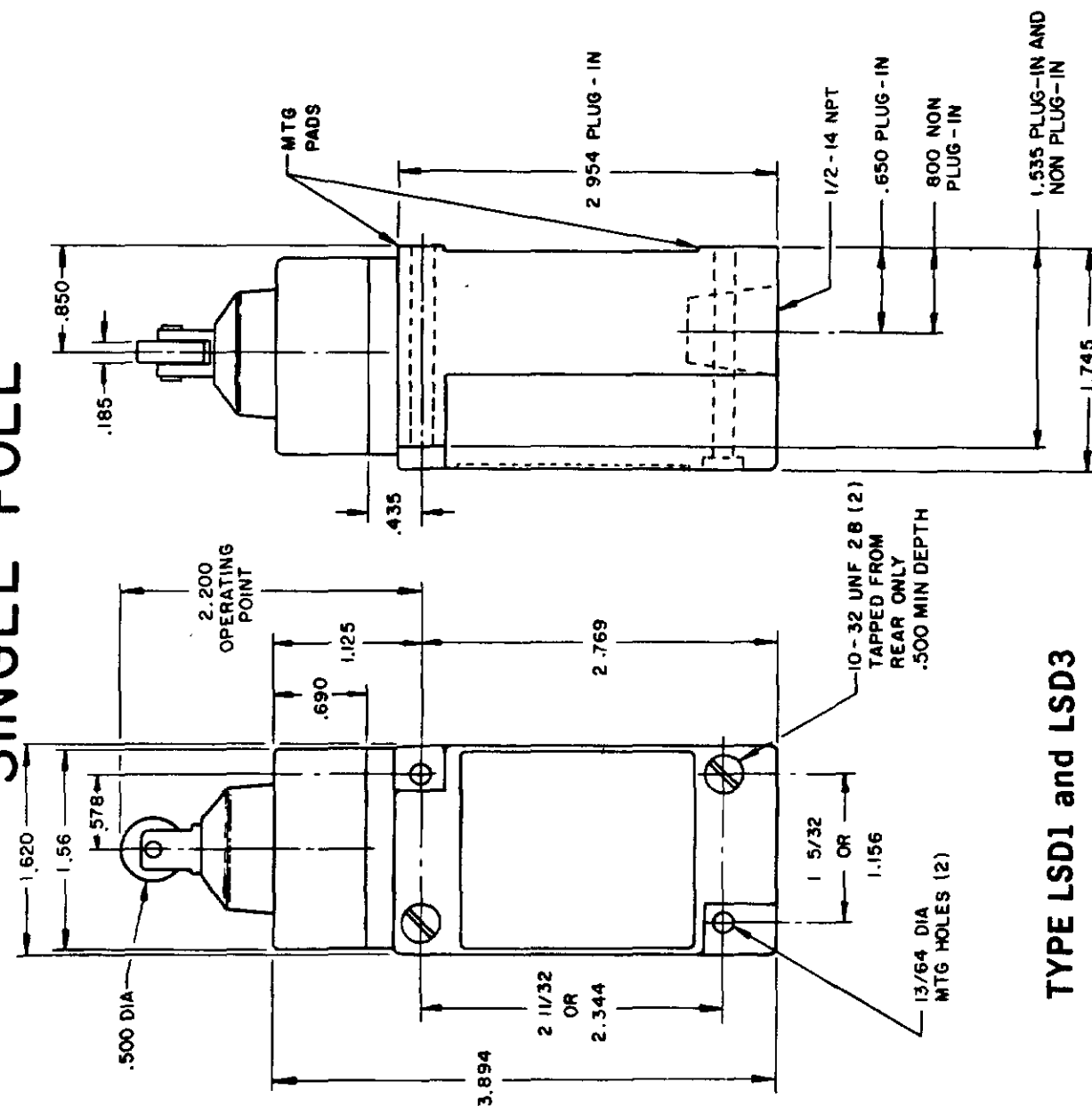
ELECTRONIC DUTY



DIRECT ACTING



SINGLE POLE



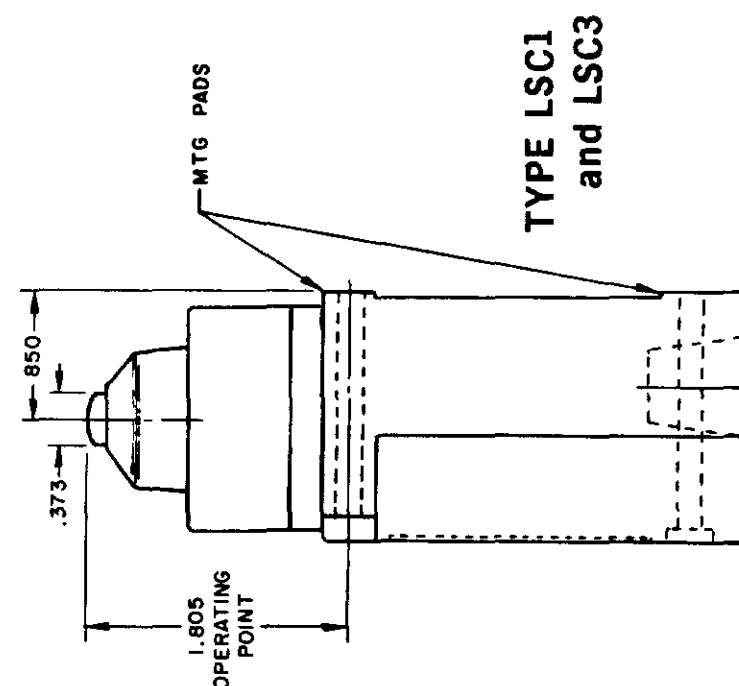
TYPE LSD1 and LSD3

DOUBLE POLE

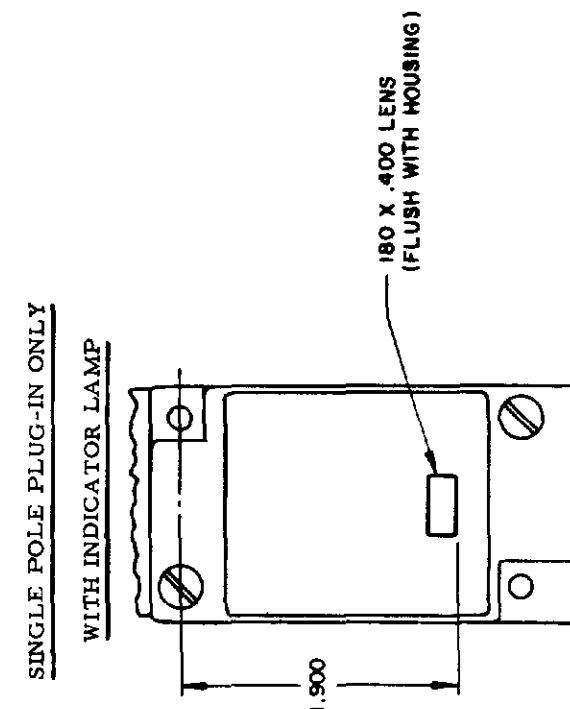


TYPE LSD2 and LSD4

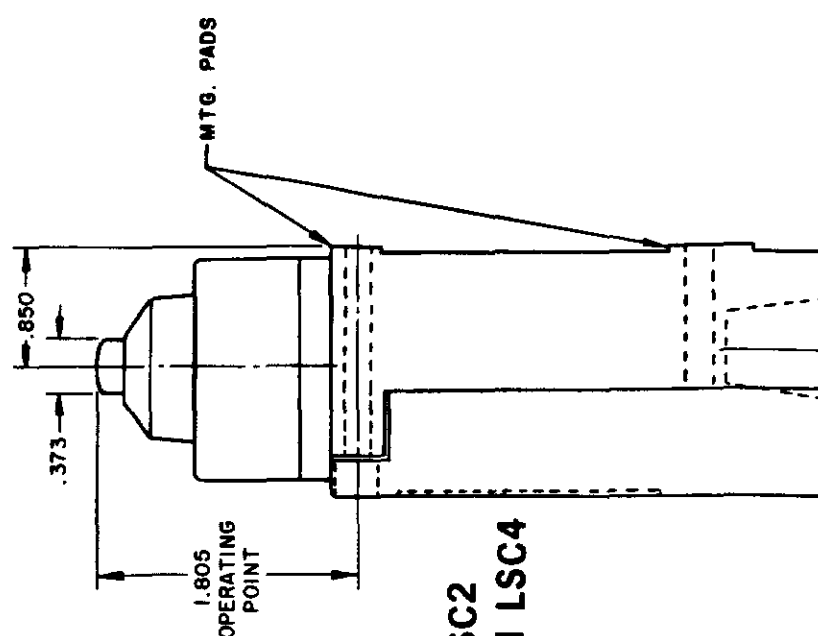
*(LSD6 and LSD7 have 1/2 - 14 NPT CON



TYPE LSC1 and LSC3

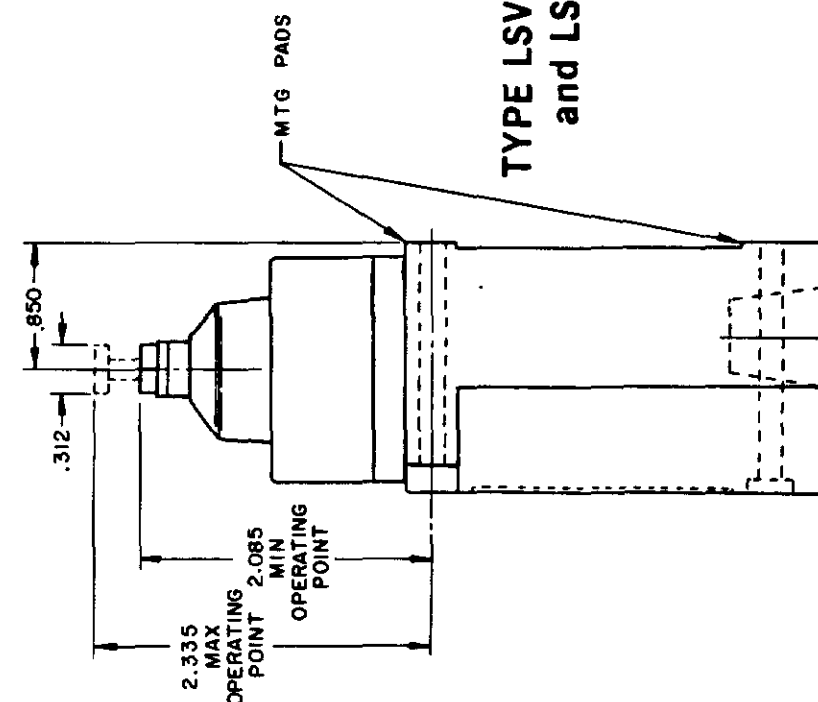


**TYPE LSC2
and LSC4**

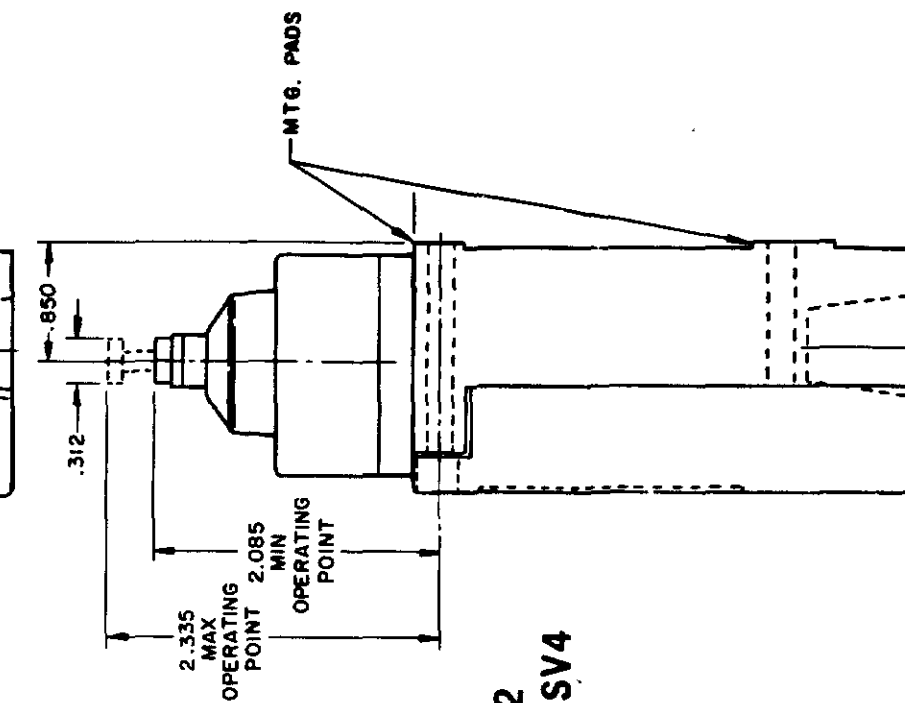


**120 LAMP VOLTAGE -
TYPE LSC5, LSD5 or LSV5**

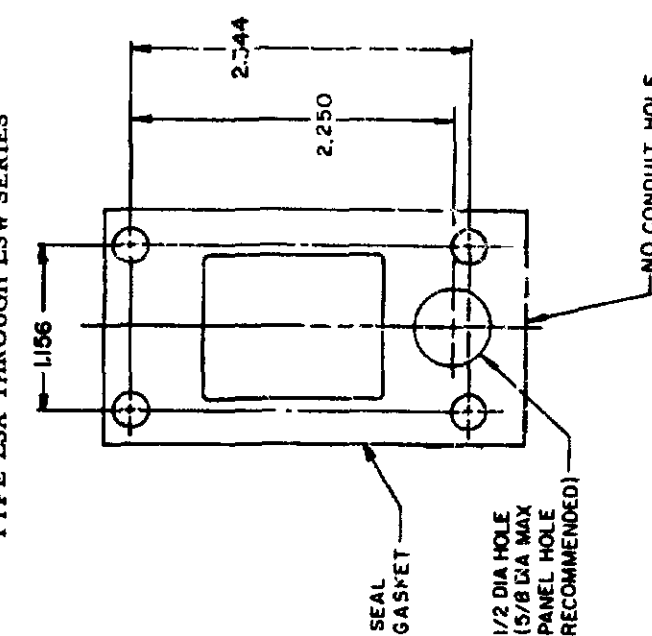
**240 LAMP VOLTAGE .
TYPE LSC8, LSD8 or LSV8**



TYPE LSV1 and LSV3



**TYPE LSV2
and LSV4**



PAGE 4 OF 10

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MICRO SWITCH
a Honeywell Division

FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING

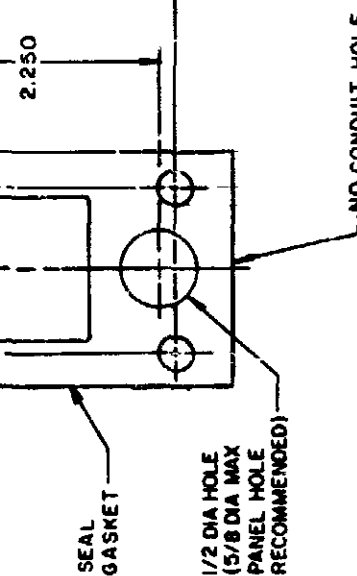
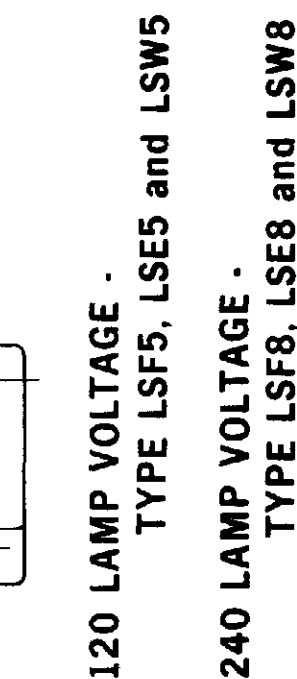
LSA-LSW SERIES

CHART 1

SCALE NONE

NO-NOT-SCALE-PRINT

SINGLE POLE DOUBLE POLE



SCALE NONE

DO NOT SCALE PRINT



TYPE LSG1 and LSG3

INITIAL POSITION —
(FREE POSITION) } PRETRAVEL
DIFFERENTIAL TRAVEL
OPERATING POINT } OVERTRAVEL
FULL TRAVEL —

OPERATING POINT GIVEN
IN RELATION TO TOP
MOUNTING HOLE

SIDE	PLUNGER	TYPES
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
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51	51	51
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63	63	63
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86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

PAGE 6 OF 10

SWITCH - ENCLOSED

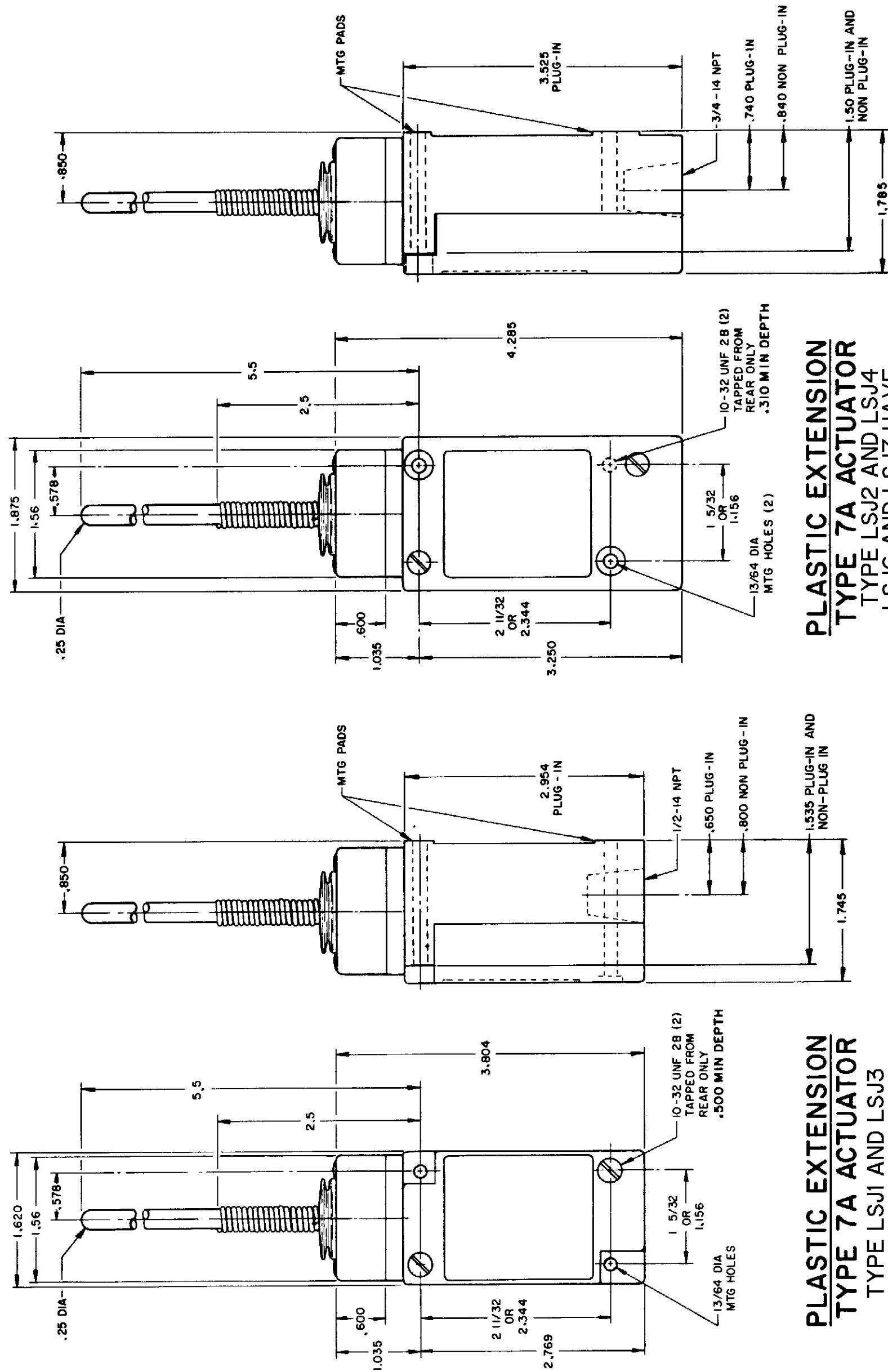
CATALOG LISTING

LSA-LSW SERIES

CHART 1

SCALE	NONE	
DO NOT SCALE PRINT		
UNLESS		
DIMENSIONS ARE NOTED		
TOLERANCES		
ONE PLACE	(.0)	±
TWO PLACE	(.00)	±
THREE PLACE	(.000)	±
ANGLES		±
WEIGHT		

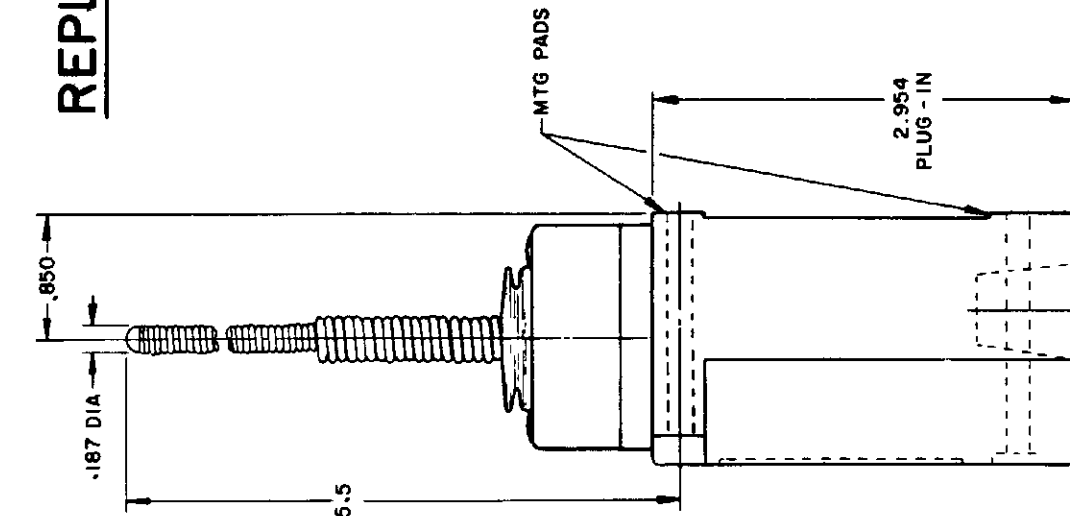
WOBBLE STICK
SINGLE POLE
DOUBLE POLE



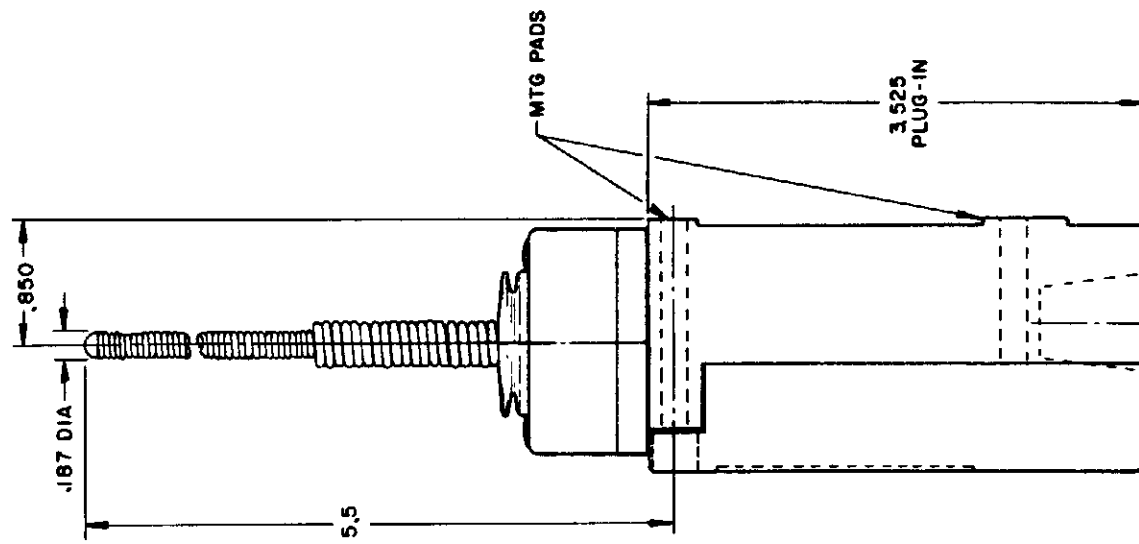
PLASTIC EXTENSION
TYPE 7A ACTUATOR
TYPE LSJ1 AND LSJ3

PLASTIC EXTENSION
TYPE 7A ACTUATOR
 TYPE LSJ2 AND LSJ4
 LSJ6 AND LSJ7 HAVE
 1/2 - 14 NPT CONDUIT HOLE

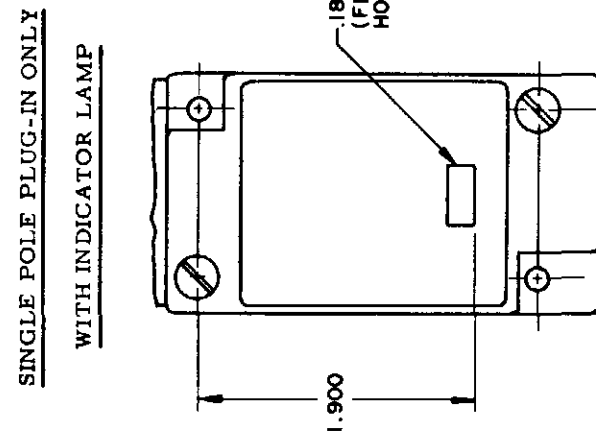
REPLACEMENT ACTUATOR
LSZ-4009



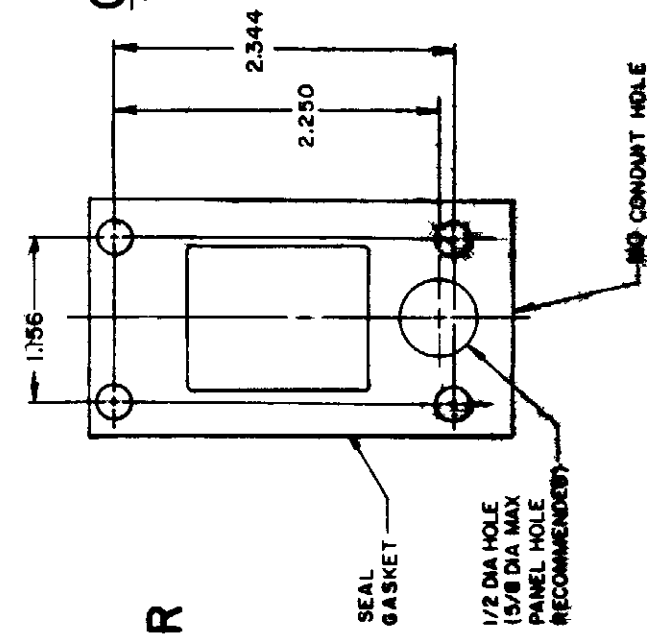
CABLE EXTENSION
TYPE 7 N ACTUATOR



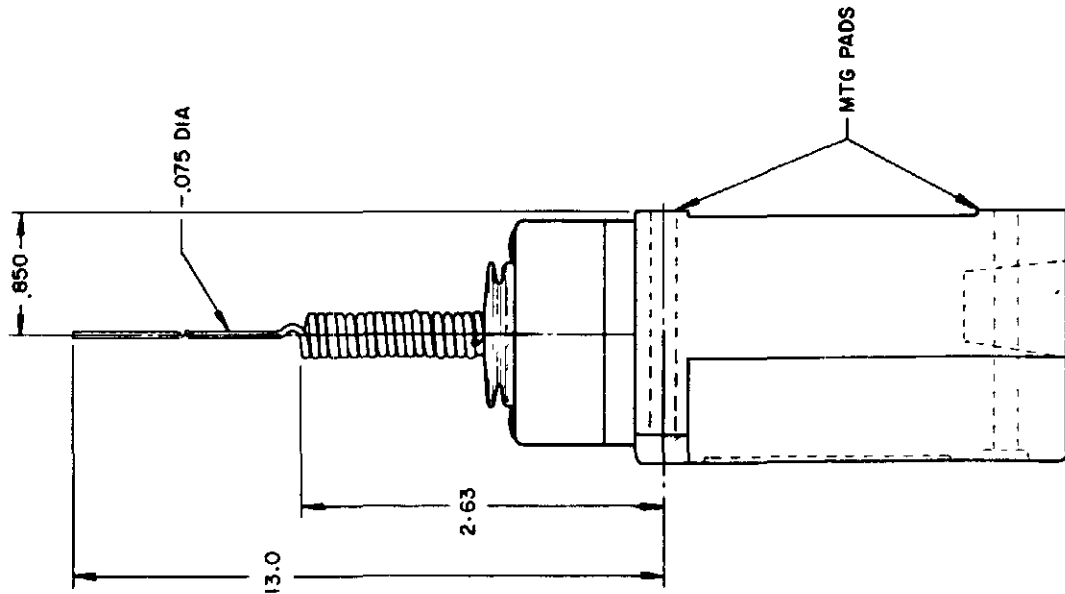
CABLE EXTENSION
TYPE 7 N ACTUATOR



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8
24 LED VOLTAGE TYPE LSJ9



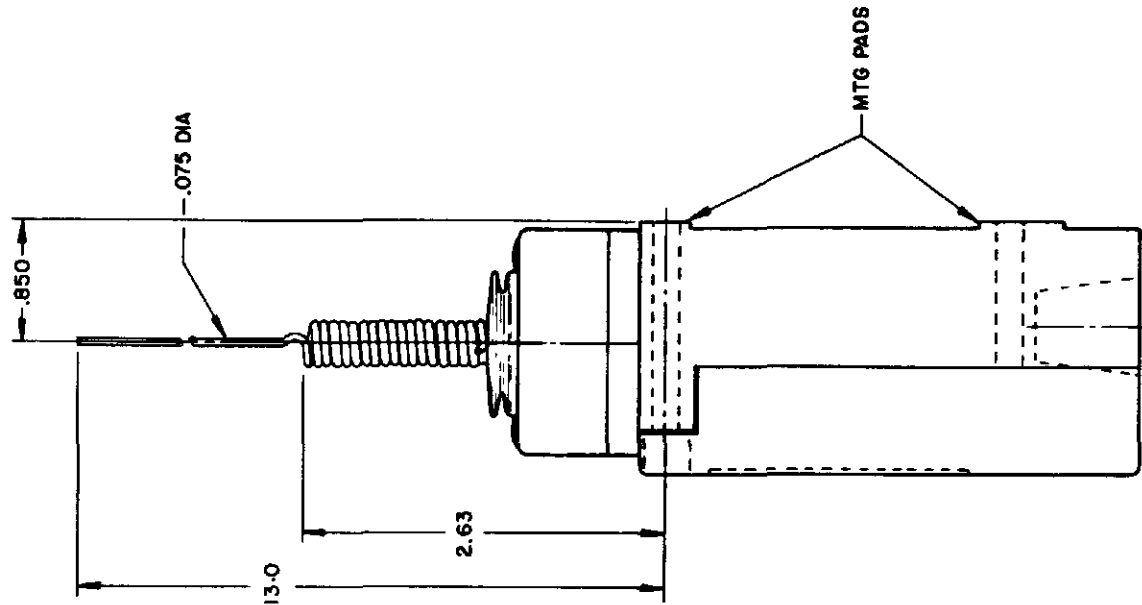
REPLACEMENT ACTUATOR
LSZ-40II



WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ1 and LSJ3

REPLACEMENT ACTUATOR - LSZ 4010

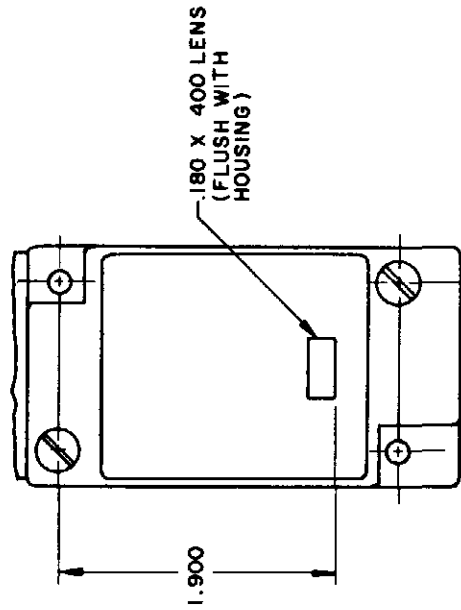


WIRE EXTENSION TYPE 7M ACTUATOR

TYPE LSJ2 and LSJ4

LSJ6 and LSJ7 have 1/2 - 14 NPT CONDUIT HOLE

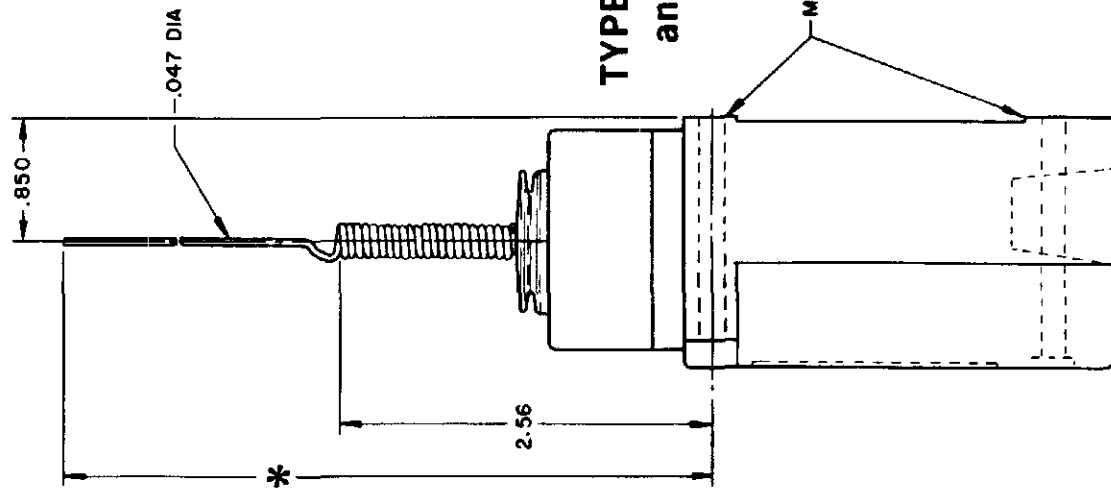
SINGLE POLE PLUG-IN ONLY
WITH INDICATOR LAMP



120 LAMP VOLTAGE TYPE LSJ5
240 LAMP VOLTAGE TYPE LSJ8

CAT WHISKER

SINGLE POLE

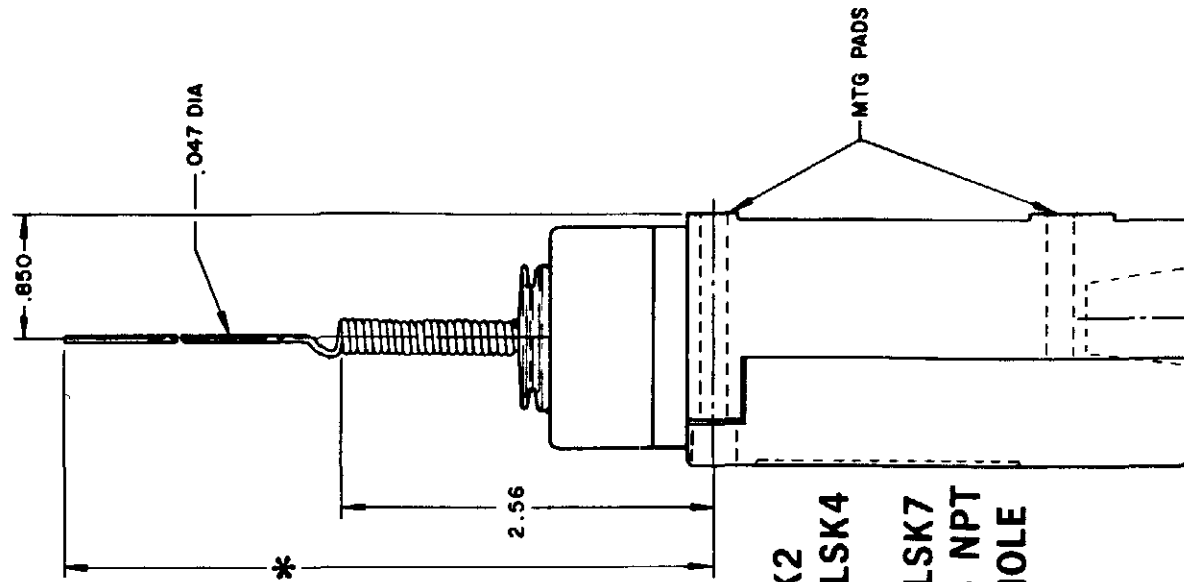


TYPE LSK1
and LSK3

120 LAMP VOLTAGE
TYPE LSK5 - CAT WHISKER TYPE LSB5 - TOP ROTARY
240 LAMP VOLTAGE
TYPE LSK8 - CAT WHISKER TYPE LSB8 - TOP ROTARY

*WIRE EXTENSION REPLACEMENT ACTUATOR
TYPE 8A ACTUATOR 5.5 IN.-LSZ 4012
TYPE 8B ACTUATOR 7.5 IN.-LSZ 4013
TYPE 8C COIL ACTUATOR 5.5 IN.-LSZ 4014
ACTUATOR 9.5 IN. - LSZ4036

DOUBLE POLE



TYPE LSK2
and LSK4
LSK6 and LSK7
have 1/2 - 14 NPT
CONDUIT HOLE

WIRE EXTENSION

*TYPE 8A ACTUATOR 5.5 IN.
TYPE 8B ACTUATOR 7.5 IN.
TYPE 8C ACTUATOR 5.5 IN.
TYPE 8D ROD ACTUATOR 5.5 IN.

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MICRO SWITCH
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FED MFG CODE 91929

SWITCH - ENCLOSED

CATALOG LISTING
LSA-LSW SERIES
CHART 1

PAGE 8 OF 10

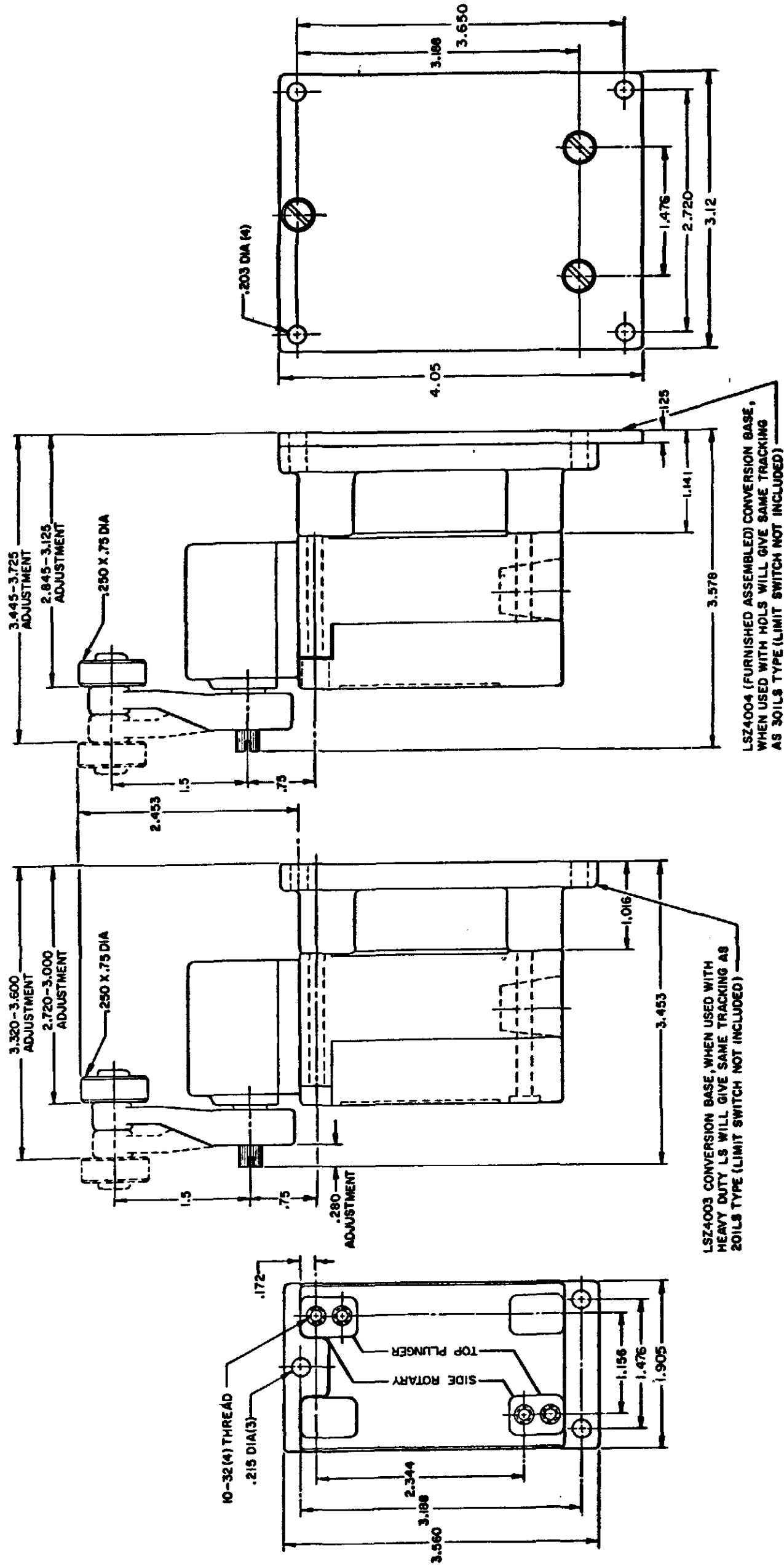
SCALE NONE
DO NOT SCALE PRINT

PRETRAVEL (APPROX) IN. RADIUS	CAT. WHISKER		WOBBLE STICK	
	5/16" COIL	5/16" WIRE	7/16" ROD	WIRE
	2	2	4.5	1.5
OPERATING FORCE-OZ (MAX)	7.0	5.0	3.0	7.0

CONVERSION BASES

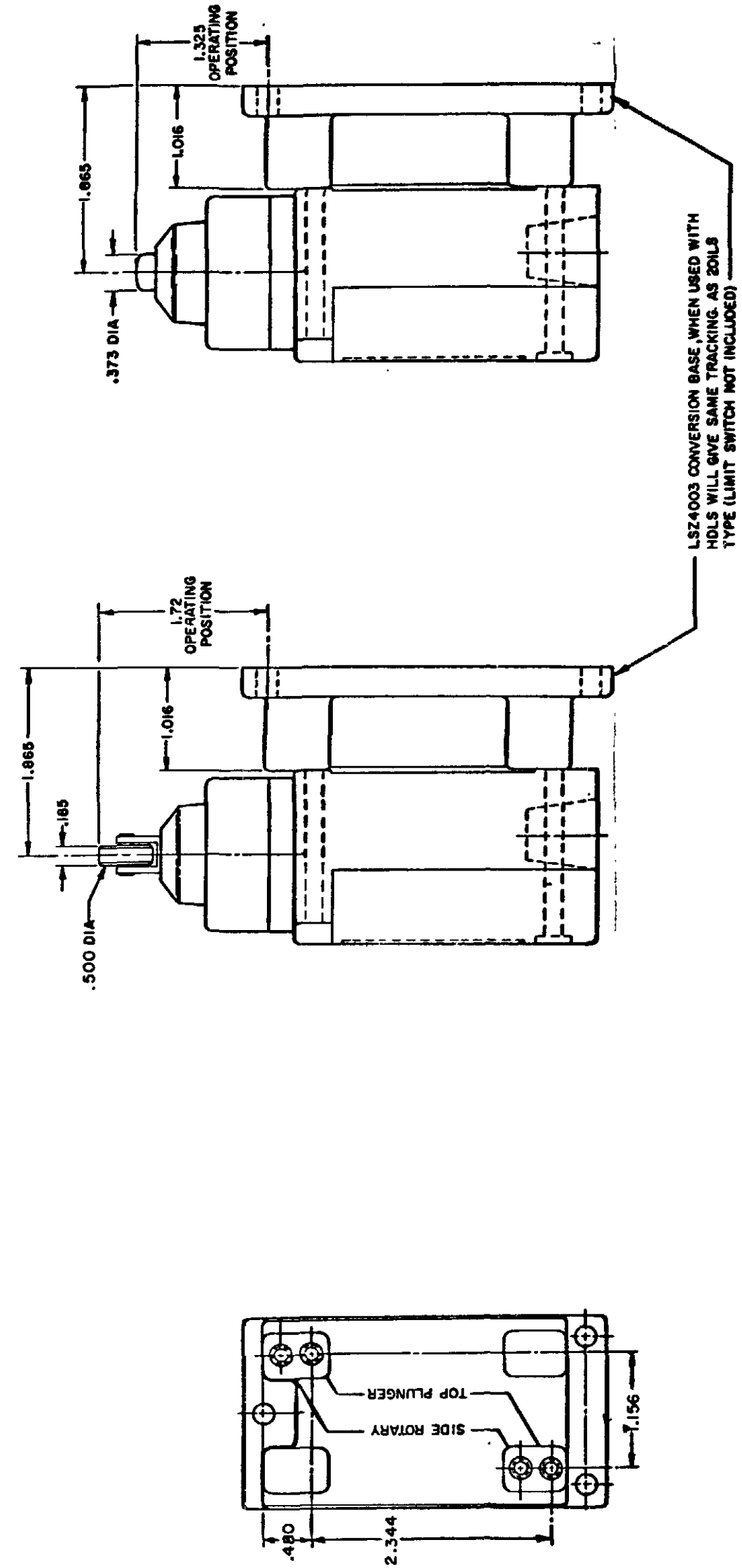
**SINGLE POLE
(SIDE ROTARY)
LSZ 4003**

**DOUBLE POLE
(SIDE ROTARY)
LSZ4004**



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF LIMITS

SINGLE POLE TOP PLUNGER LSZ4003



NOTE
SEE OTHER PAGES OF LSA-LSW
(M) DRAWING FOR DIMENSION OF
LIMIT SWITCH

HEAD TYPE	CELLULOSE DETERGENT 5 STAR ASTM #1 ASTM #2 ASTM #3 ASTM #4 HOUGHTON SAFE 271 HOUGHTON SAFE 820 1010, 1035, 1120 MINERAL OIL PETR. OIL CRUDE SILICON GR & OIL SUNSAFE BEER STODDARD SOLV. CHLORINATED SOLVENTS CITRIC ACID DI-ESTER SYN. LUBRICANTS OZONE PYDRAUL PROGUARD PETRO. BASE HYDRAULIC OIL LARD OIL SILICATE ESTERS																							
	LSA	LSB	LSC	LSD	LSE	LSF	LSG	LSH	LSJ	LSK	LSL	LSM	LSN	LSP	LSR	LSV	LSW	LST	LSS					
4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
4	1	1	1	1	1	2	1	4	1	1	1	1	1	1	4	1	2	4	4	4	1	1	2	
4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	3	4	4	2	2	2	
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4	2	2	1	2	4	4	2	4	2	2	1	2	1	2	4	1	4	2	4	4	2	2	2	
LST	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																							
LSS	UNSEALED DEVICE, INTENDED TO MEET NEMA 1 ONLY																							

CODE: 1 SATISFACTORY 2 FAIR 3 DOUBTFUL 4 UNSATISFACTORY

TEMPERATURE LIMITATIONS FOR STANDARD DEVICES		
TYPES	LOW LIMIT	HIGH LIMIT
LSA	+10°F	+250°F
LSB	+30°F	+250°F
LSC	+10°F	+200°F
LSD	+10°F	+200°F
LSE	+10°F	+200°F
LSF	+10°F	+200°F
LSG	+30°F	+200°F
LSH	+30°F	+250°F
LSJ	+10°F	+200°F
LSK	+10°F	+200°F
LSL	+10°F	+250°F
LSM	+30°F	+250°F
LSN	+30°F	+250°F
LSP	+10°F	+250°F
LSR	+30°F	+250°F
LSV	+10°F	+200°F
LSW	+10°F	+200°F
LST	+30 F	+170°F
LSS	+30°F	+170°F

CATALOG LISTING
M LSA-LSW SERIES CHART 1
PAGE 10 OF 10
ISSUE 12
PSR 10JUL07
CHECK 11AUG04
AK 11JUL94
JAF 11JAN93
J 207474
TSM 18FEB03
K 0006871
KR 11AUG04
MAM 15 JUN 94
DRAWN
RASTER

REVISIONS
L 0031956
BS 10JUL07
B 201004
C 201748
D 202198
E 204871
F 206581
G 206783
H 207179
J 207474
K 0006871
KR 11AUG04

RELEASE NO CO-78498
REPLACES LSA-LSW SERIES



**Стандарт
Электрон
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

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С нами вы становитесь еще успешнее!

Наши контакты:

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Электронная почта: sales@st-electron.ru

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Промышленная ул, дом № 19, литера Н,
помещение 100-Н Офис 331